

DRAFT AGENDA: MISR Science Team Meeting December 2016
Beckman Institute Auditorium, California Institute of Technology, Pasadena, CA

Thursday, December 8

Welcome

8:30 AM	Sign-in	All	30
9:00 AM	Welcome	David Diner	10

Clouds and Winds

Moderator: TBD

9:10 AM	Regional changes in cloud heights from MISR	Roger Davies	20
9:30 AM	The effects of cloud heterogeneity on microphysical properties through MISR-MODIS data fusion	Dongwei Fu	20
9:50 AM	Retrieving degree of ice particle surface roughness in clouds from multi-angle measurements	Souichiro Hioki	20
10:10 AM	Break	All	20
10:30 AM	Impact of vertical variations of cloud microphysics and drizzle on the angular anisotropic behavior of cloud droplet effective radius	Ming Su	20
10:50 AM	AirMSPI cloud droplet size retrievals during ORACLES	Gerard van Harten	20
11:10 AM	Arctic cloud albedo comparison between MISR and CERES	Yizhe Zhan	20
11:30 AM	Assessing the impact of MISR winds on short term weather forecast with GEOS-5 operational Data assimilation system	Junjie Liu	20
11:50 AM	Discussion	All	10
12:00 PM	Lunch	All	90

Land Surfaces, Ice, and Vegetation

Moderator: TBD

1:30 PM	TBD	Anne Nolin	20
1:50 PM	Polar sea-ice spectral and broadband albedos from 2000-2016	Said Kharbouche	20
2:10 PM	Monitoring vegetation using MISR and DSCOVR data	Yuri Knyazikhin	20
2:30 PM	A 35 year record of broadband and 18 years of spectral albedo and its intercomparison with MISR land surface albedos	Jan-Peter Muller	20
2:50 PM	Potential sources of polarized light from a plant canopy	Vern Vanderbilt	20
3:10 PM	Discussion	All	10

Poster session I

3:20 PM	Poster viewing and break	All	70
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MSPI

4:30 PM	Six years of Airborne Multiangle SpectroPolarimetric Imager (AirMSPI): An overview	Felix Seidel	20
4:50 PM	Discussion	All	10
5:00 PM	Adjourn		

Social event

6:30 PM	Dinner at the Maxwell House historical landmark 55 S. Grand Ave., Pasadena
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Friday, December 9

Aerosols

Moderator: TBD

9:00 AM	Is climatological aerosol optical depth averaged over the last 16+ years stable?	Kyo Lee	20
9:20 AM	Evaluation of PM _{2.5} predicted by Kriging, WRF-Chem, remote sensing and data fusing methods in North China Plain	Fengchao Liang	20
9:40 AM	Estimating particle speciation concentrations using MISR retrieved aerosol properties in southern California	Xia Meng	20
10:00 AM	Aerosol characterization in the southeast United States and how recent reductions in aerosol burden have contributed to accelerated summertime warming	Mick Tosca	20
10:20 AM	Discussion	All	10
10:30 AM	Break	All	20
10:50 AM	The integration of satellite derived aerosol optical depth with ground based measurements from low cost monitors in schools in Nairobi	Priyanka deSouza	20
11:10 AM	TBD	Ralph Kahn	20
11:30 AM	TBD	TBD	20
11:50 AM	Discussion	All	10
12:00 PM	Lunch	All	90

Aerosol products and retrievals

Moderator: TBD

1:30 PM	Status and applications of MISR's 4.4 km aerosol product (V23)	Michael Garay	20
1:50 PM	Combined aerosol and surface reflectance retrieval: importance of target revisits	Feng Xu	20
2:10 PM	TBD	TBD	20
2:30 PM	Discussion	All	10

Poster session II

2:40 PM	Poster viewing and break	All	60
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Other topics

3:40 PM	TBD	TBD	20
4:00 PM	TBD	TBD	20
4:20 PM	Discussion	All	10

Wrap-up

4:30 PM	Closing comments	David Diner	15
4:45 PM	Adjourn		

Posters

No.	Title	Lead author
1	The integration of satellite derived aerosol optical depth with ground based measurements from low cost monitors in schools in Nairobi	Priyanka deSouza
2	FIGIFIGO: A portable goniometer system for spectropolarimetry	Maria Gritsevich
3	An advanced visualization to monitor the three-dimensional structure of aerosol plums retrieved from the Multi-angle Imaging SpectroRadiometer (MISR)	Richard Kim
4	Super-resolution restoration experiments with MISR	Jan-Peter Muller
5	Global smoke plume heights: Analysis from MINX for 2009 and 2010	Mick Tosca
6	Leaf relative water content estimated from leaf reflectance and transmittance	Vern Vanderbilt